Index of Claims

| Appli | catio | n/Con | troi | No. |
|-------|-------|-------|------|-----|
|       |       |       |      |     |

10/674,613

Examiner

Joy K. Contee

Applicant(s)/Patent under Reexamination

KURZMAN ET AL.

Art Unit

2617

| √ | Rejected |
|---|----------|
| 1 | Allowed  |

| [-       | (Through numeral)<br>Cancelled |
|----------|--------------------------------|
| <u> </u> | Postricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim             | T  |          | Dat  | te                                      |          |           |          | [42]  | Cla               | im       |                                    |          | Dat  | e              |              |                 | 14            | Cla          | aim        |          |                         |  | Date            | 9        |  |            |
|-------------------|--|----------|--|---|----------|-----------|----------|-------|-------------------|----------|------------------------------------|----------|--|----------------|--------------|-----------------|---------------|--------------|------------|----------|-------------------------|--|-----------------|----------|--|------------|
| <u>_</u> _        | 100  |          |  |   |          |           |          |       |                   | <u>m</u> |                                    |          |  |                |              |                 | J.            |              | a          |          |                         |  |                 |          |  |            |
| Final<br>Original | 5.   |          |  |   |          |           | i        |       | Final             | Original |                                    |          |  |                |              |                 |               | Final        | Original   |          | İ                       |  |                 |          | İ  |            |
| =   =             | \∄/  |          |  | İ                                       |          |           |          |       | 正                 | ĕ        |                                    |          |  | 1              | İ            |                 |               | Œ.           | Ö          |          |                         |  |                 |          |  |            |
|                   |  | ╁-       | Н-   | ┾-                                      |          | Н         |          |       |                   |          |                                    | -        | -  | 1              | -            | $\vdash$        | 13-13         |              |            |          | +                       | $\perp$  | Н               |          |  | +          |
| 1                 | <u> </u>   | +        | <del>     </del>                                 | +                                       |          | $\vdash$  |          |       |                   | 51<br>52 | $\dashv$                           | -+       | +  | ₩              | -            | $\vdash$        |               |              | 101<br>102 | -        | +-                      | -  | Н               | $\vdash$ | +  | +          |
| 3                 | 1  | ┿        | <del>                                     </del> | ╁                                       | _        |           | $\dashv$ | E.    |                   | 53       | +                                  | +        | -  | ╁┼             | +            | +               |               |              | 102        |          | +                       | +  | Н               | $\vdash$ |  | +          |
|                   | ₩-   | ╁        | <del>                                     </del> | +                                       |          |           | $\dashv$ | . ja  |                   | 54       | $\dashv$                           | +        | +  | ╁╼╁            | -            | +               | 101           |              | 103        |          | +                       | ╁  | $\vdash$        | $\vdash$ | -+   | +          |
| 5                 | ╫  | ╁        |  | +                                       | -        | $\vdash$  | ᅱ        |       | -                 | 55       | +                                  | +        | +  | ╁╌┼            | +            | +               | 1             |              | 105        | -        | +                       | ╁  | $\vdash$        | $\vdash$ | $\dashv$                                       | +          |
| 6                 | ╫  | +        | <del></del>                                      | +-                                      |          | H         | -        | , p*  |                   | 56       |                                    |          | +-   | $\vdash$       | ╁            | $\vdash$        |               |              | 106        | $\dashv$ | +                       | +  | H               | Н        | -  | +          |
| 7                 | <del>    </del>                                  | +        | $\vdash \vdash$                                  | +                                       | -        | $\vdash$  |          | 1     |                   | 57       | +                                  | $\dashv$ | +  | +-+            | +            | +               |               |              | 107        | +        | +                       | +  | Н               | $\vdash$ | $\dashv$                                       | +          |
| 8                 | <del>    </del> -                                | t        | <del>      -</del>                               | +                                       |          |           | _        |       |                   | 58       | +                                  |          | +  | $\vdash$       | +            | $\dagger \lnot$ | 4.4           |              | 108        | _        | +                       | <del>                                     </del> | Н               |          | $\dashv$                                       | +-         |
| 9                 |  | †        |  | 1                                       | Н        | $\vdash$  |          | Ì     |                   | 59       | $\dashv \dashv$                    | $\neg +$ |  | $\vdash$       |              | $\vdash$        |               |              | 109        | $\neg$   | ╅                       | 1  | П               | $\dashv$ | <u> </u>                                       | +          |
| 10                | $\Box$   | T        |  | T                                       | М        |           | $\neg$   |       |                   | 60       | $\dashv$                           | _        |  | 11             | $\top$       |                 |               |              | 110        | $\neg$   | 1                       |  | П               | $\Box$   | 十  | $\top$     |
| 11                |  |          |  | П                                       | П        | $\Box$    | $\neg$   |       |                   | 61       | - -                                | $\dashv$ |  | $\sqcap$       |              | П               |               |              | 111        | $\neg$   | T                       | T  | П               | П        | 十  | $\top$     |
| 12                | $\sqcap$   | 1        |  |   |          |           |          |       |                   | 62       | $\neg$                             | $\neg$   |  | T              |              | П               | 42            |              | 112        | $\neg$   | $\top$                  | T  |                 |          | $\top$   | $\top$     |
| 13                | $\sqcap \vdash$                                  | T        |  | П                                       | П        | $\Box$    | $\neg$   | - 3   |                   | 63       | $\dashv \dashv$                    | $\dashv$ | $\top$   | $\sqcap$       |              | П               |               |              | 113        | $\neg$   | $\top$                  | T  |                 | П        | 十  | $\top$     |
| 14                | $\Pi$  |          |  |   |          |           |          |       |                   | 64       |                                    | $\Box$   |  |                |              | П               |               |              | 114        |          | Ī                       |  | П               |          |  | $\top$     |
| 15                |  |          |  |   |          |           |          |       |                   | 65       |                                    |          |  |                |              |                 |               |              | 115        |          | I                       |  |                 |          |  |            |
| 16                | Ш  |          |  |   |          |           |          | 1 3   |                   | 66       |                                    |          |  |                |              | $\prod$         | 1             |              | 116        |          |                         |  |                 |          |  |            |
| 17                |  |          |  |   |          |           |          | [     |                   | 67       |                                    |          |  |                |              | $\Box$          | 4             |              | 117        |          |                         |  |                 |          |  |            |
| 18                |  |          |  |   |          |           |          |       |                   | 68       |                                    |          |  |                |              |                 |               |              | 118        | $\bot$   |                         |  |                 |          |  |            |
| 19                | Ш  |          |  |   |          |           | 凵        |       |                   | 69       | $\perp \perp$                      |          |  | Ш              | $\perp$      |                 |               |              | 119        | $\perp$  | _                       |  | Ш               |          |  |            |
| 20                | Ш  |          |  |   |          |           |          |       |                   | 70       |                                    |          |  | $\sqcup$       | $\perp$      | ш               |               |              | 120        |          |                         |  |                 |          |  |            |
| 21                | Ш.   | _        |  |   |          | _         | _        | . ?   |                   | 71       |                                    |          | $oldsymbol{\perp}$   | $\sqcup \bot$  |              | Ш               | - 4           |              | 121        |          |                         |  | Ш               |          |  | $\bot$     |
| 22                | Ш  | _        | Щ  | Ш                                       |          | $\Box$    |          |       |                   | 72       |                                    |          |  | Ш              | <u> </u>     | $\sqcup$        |               |              | 122        | _        |                         | 辶  | Ш               | $\Box$   |  |            |
| 23                | Ш.   | _        |  | $\perp$                                 | Ш        | $\perp$   | Ц        | kr. ř |                   | 73       | $\perp$                            |          |  |                | _            | 1               | -1            |              | 123        |          |                         | 丄  |                 |          |  |            |
| 24                | Ш.   | ↓        | $\perp$  | $\perp$                                 |          | _         | 4        |       |                   | 74       | $\dashv$                           | _        | $\bot$   | $\sqcup$       | _            | Ш               | 4             |              | 124        | $\perp$  | $\bot$                  |  | Ш               | _        |  |            |
| 25                | Ш  | _        |  |   |          |           |          |       |                   | 75       | $\perp$                            | ∤-       |  | Ш              | _            | Ш               |               |              | 125        |          | $\bot$                  | <u> </u>   | Ш               |          |  | $\bot$     |
| 26                | V  | -        |  | $\vdash$                                | Ш        |           | _        |       | $\longrightarrow$ | 76       |                                    | _        | +  | $\sqcup$       | _            | ┦┤              |               |              | 126        |          |                         | $\vdash$   | Ш               | _        |  |            |
| 27                |  | _        |  | $\vdash$                                |          | -         | -        |       | $\longrightarrow$ | 77       |                                    | $\dashv$ | +  | $\vdash$       | -            | $\vdash$        | * 1           |              | 127        | _        | +                       | 1_   | Щ               |          | _  | 4          |
| 28                |  | -        | -  | +                                       | _        | -         |          | .     |                   | 78       |                                    | _        | -  | $\vdash$       | +            | $\vdash$        |               |              | 128        | _        | -                       | $\vdash$   | Щ               |          | -  | 4          |
| 29<br>30          | $\vdash$   | ╄        | $\vdash$   | 1-                                      | $\dashv$ | $\dashv$  |          |       |                   | 79<br>80 | $\dashv$                           | -        |  | $\vdash$       | -            | $\vdash$        |               |              | 129        |          | +                       |  | $\vdash$        | $\dashv$ | -  |            |
|                   | $\vdash$   | ₩.       | +  | $\vdash$                                |          | $\dashv$  | $\dashv$ |       |                   |          | $\dashv$                           |          | +  | $\vdash$       | +            | +               |               |              | 130        | _        | -                       |  | _               | _        | _  | +          |
| 31<br>32          | <del>                                     </del> | $\vdash$ | -  | Н                                       | $\vdash$ | $\dashv$  | $\dashv$ | ŀ     |                   | 81<br>82 | +                                  | +        | +  | ++             | +            | $\vdash$        | 14.00<br>144. |              | 131<br>132 | -        | +                       | ├  | $\vdash \dashv$ | $\dashv$ | +  | +          |
| 33                | $\vdash$   | $\vdash$ | $\vdash \vdash$                                  | +                                       | $\vdash$ | $\dashv$  |          |       | -                 | 83       | ++                                 | $\dashv$ | +  | +              |              | $\vdash$        |               |              | 133        | +        | +-                      | $\vdash$   | $\vdash$        | $\dashv$ |  | -          |
| 34                | ++   | $\vdash$ |  | +                                       |          | +         | $\dashv$ | ŀ     |                   | 84       |                                    | $\dashv$ |  | ++             | +            | $\vdash$        | - }           |              | 134        | +        | +                       | $\vdash$   | $\vdash \vdash$ | $\dashv$ | +  | +-         |
| 35                |  | +        | $\vdash$   | Н                                       | $\vdash$ | +         | $\dashv$ | -     |                   | 85       | +                                  | +        | +  | $\vdash$       | +            | +               | -             |              | 135        | $\dashv$ | +                       | +  | $\vdash \vdash$ | $\dashv$ | $\dashv$                                       | +          |
| 36                |  | $\vdash$ | $\vdash$   | $\vdash$                                | $\vdash$ | $\dashv$  | $\dashv$ | ŀ     |                   | 86       | ++                                 | +        | +  | <del>   </del> | +            | $\vdash$        | 1             |              | 136        | $\dashv$ | +                       | $\vdash$   | $\vdash \vdash$ | $\dashv$ | +  | +          |
| 37                |  | $\vdash$ | $\vdash$   | $\dagger \exists$                       | $\vdash$ | $\dashv$  | ᅥ        | ŀ     |                   | 87       | 11                                 | +        | $\pm$  | +              | +            | $\vdash$        |               |              | 137        | +        | +                       | $\vdash$   | $\vdash$        | $\dashv$ | +  | +          |
| 38                |  | $\vdash$ |  | 11                                      |          | $\dashv$  | ᅱ        | ŀ     | <u> </u>          | 88       | 11                                 | $\dashv$ | $\top$   | $\vdash$       | _            | Н               | <u> </u>      | <del> </del> | 138        | $\dashv$ | $\top$                  | П  | $\vdash$        | -        | +  | +          |
| 39                |  | $\Box$   | $\vdash$   | $\sqcap$                                | $\Box$   |           | $\dashv$ | ı     |                   | 89       | $\top$                             | $\top$   | $\top$   |                | 1            | H               | .             | $\dashv$     | 139        | $\dashv$ | 1                       |  | $\vdash$        | $\dashv$ | $\dashv$                                       | +          |
| 40                | $\sqcap$   | $\Box$   | $\vdash$   | $\sqcap$                                | $\Box$   | $\dashv$  | $\neg$   | -     |                   | 90       | 77                                 |          | 1  | 17             | 十            | П               | <u> </u>      |              | 140        | 十        | $\top$                  | П  | $\sqcap$        | ┪        | +  | $\top$     |
| 41                |  | П        | $\Box$   | П                                       |          | $\exists$ | $\dashv$ | ľ     |                   | 91       | 77                                 | $\neg$   |  |                | $\top$       | $\sqcap$        | -             |              | 141        | 十        | 1                       |  | $\Box$          | $\neg$   | $\top$   | $\top$     |
| 42                |  | П        |  | $\Box$                                  |          |           |          | - 1   |                   | 92       |                                    | T        |  |                | $\top$       | П               | ·             |              | 142        | $\neg$   | Т                       | П  | $\Box$          | $\neg$   | $\top$   | $\top$     |
| 43                |  |          |  |   |          |           |          | ſ     |                   | 93       |                                    |          | $\perp$  |                | $oxed{oxed}$ |                 |               |              | 143        |          |                         |  |                 |          |  | $\top$     |
| 44                |  |          |  |   |          | $\Box$    |          |       |                   | 94       |                                    |          | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $\coprod$      |              |                 | Γ             |              | 144        |          | $oxed{oxed}$            |  |                 |          |  | $\Box\Box$ |
| 45                |  |          |  | $\Box$                                  |          | $\Box$    |          |       |                   | 95       |                                    |          |  |                |              | $\Box$          |               |              | 145        |          | $oldsymbol{\mathbb{T}}$ |  |                 |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{T}}}$ |            |
| 46                | LI   | Ш        |  | $\Box$                                  |          |           | $\Box$   |       |                   | 96       |                                    |          |  |                |              | $\Box$          |               |              | 146        |          | $oxed{\Box}$            | $\Box$   |                 |          | _  | $\Box$     |
| 47                | $\Box \Box$                                      | Ш        |  | Ш                                       |          | $\dashv$  | $\sqcup$ |       | [                 | 97       | $\perp \perp$                      |          | $\perp$  |                |              | Ш               | _[            | I            | 147        |          | $\perp$                 |  |                 |          | $\prod$  |            |
| 48                |  | Ш        | ot   | $\sqcup$                                | $\Box$   | $\perp$   | $\Box$   |       | $\bot$            | 98       | $\perp \! \! \perp \! \! \! \perp$ | $\perp$  |  | Ш              |              | Ш               |               |              | 148        |          |                         | $\Box$   |                 |          | $oxed{oxed}$                                   |            |
| 49                | $oxed{oxed}$                                     | Ш        |  | Ш                                       |          |           | _        | Ļ     |                   | 99       | $\perp \downarrow$                 | _        |  | Ш              |              | Ш               |               | ]            | 149        |          | L                       | $\Box$   |                 | $\Box$   | $oxed{\Box}$                                   |            |
| 50                |  | Ш        |  | نــــــــــــــــــــــــــــــــــــــ |          |           | ╝        | L     |                   | 100      | $\perp \perp$                      |          |  |                |              | Ш               | L             |              | 150        |          |                         |  |                 |          |  |            |